



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005
TIME: 14:07:59

Input Set : E:\05-06-06 1041WO.txt
Output Set: N:\CRF4\06292005\J539725.raw

3 <110> APPLICANT: greenovation Biotech GmbH
5 <120> TITLE OF INVENTION: Improvements in or relating to protein production
7 <130> FILE REFERENCE: Protein Production Method
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/539,725
C--> 11 <141> CURRENT FILING DATE: 2005-06-20
11 <160> NUMBER OF SEQ ID NOS: 89
13 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed
(PS. 1-6)2

15 <210> SEQ ID NO: 1
16 <211> LENGTH: 36
17 <212> TYPE: DNA
18 <213> ORGANISM: Artificial Sequence
W--> 19 <220> FEATURE: PIS insert Mandatory <220>, whenever
D--> 20 <400> SEQUENCE: 1 <221>, <222> or <223> is
E--> 21 atactcgagg aagatgaact tttctgcctg tcttgg present.
22 36
24 <210> SEQ ID NO: 2
25 <211> LENGTH: 26
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
W--> 28 <220> FEATURE: SAME error
28 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence MoB323
T--> 29 <400> SEQUENCE: 2
E--> 30 atgcacatggg tgcagcctgg gaccac
31 26
33 <210> SEQ ID NO: 3
34 <211> LENGTH: 23
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial Sequence
W--> 37 <220> FEATURE: Same error
37 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNT(d)1
E--> 38 <400> SEQUENCE: 3
E--> 39 atgcacatggg tgcagcctgg gaccac
40 23
42 <210> SEQ ID NO: 4
43 <211> LENGTH: 27
44 <212> TYPE: DNA
45 <213> ORGANISM: Artificial Sequence
W--> 46 <220> FEATURE: Same error

file:///C:/CRF4/Outhold/VsrJ539725.htm See item #11 on error summary sheet. 6/29/05

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Input Set : E:\05-06-06 1041WO.txt
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OK 46 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GTN(d)3
E--> 47 <400> SEQUENCE: 4
E--> 48 acyttrtang aqngentang gnaencc
49 27 → Same error
51 <210> SEQ ID NO: 5
52 <211> LENGTH: 25
53 <212> TYPE: DNA
54 <213> ORGANISM: Artificial Sequence
W--> 55 <220> FEATURE: → Same error
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GTN(d)2
OK *E--> 56 <400> SEQUENCE: 5*
E--> 57 tayaarathc agndaytaya artgg
58 25 → See item #1 on error summary sheet
60 <210> SEQ ID NO: 6 → Same error
61 <211> LENGTH: 23
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
W--> 64 <220> FEATURE: → Same error
64 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GTN(d)4
OK *E--> 65 <400> SEQUENCE: 6*
E--> 66 arriaytgyt traaraaytg ncc → Same error
67 23
69 <210> SEQ ID NO: 7
70 <211> LENGTH: 20
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
W--> 73 <220> FEATURE: → Same error
73 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACEG3
OK *E--> 74 <400> SEQUENCE: 7*
E--> 75 gtcgggtgtcc aataaaggag
76 20
78 <210> SEQ ID NO: 8
79 <211> LENGTH: 21
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence → Same error
W--> 82 <220> FEATURE: → Same error
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACEG4
OK *E--> 83 <400> SEQUENCE: 8*
E--> 84 gtccgggagag atttccatgt c
85 21
87 <210> SEQ ID NO: 9
88 <211> LENGTH: 20
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
W--> 91 <220> FEATURE: → Same error
91 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACEG5
OK *E--> 92 <400> SEQUENCE: 9*
E--> 93 ctaagatgac gacccttcgg
94 20

↑ See item #11 on error summary sheet

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Input Set : E:\05-06-06 1041WO.txt
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N Same errors

96 <210> SEQ ID NO: 10
 97 <211> LENGTH: 22
 98 <212> TYPE: DNA
 99 <213> ORGANISM: Artificial Sequence
 W--> 100 <220> FEATURE:
 100 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACE6
 E--> 101 <400> SEQUENCE: 10
 E--> 102 cttccctgaga aacaaaaagt gg
 103 22
 105 <210> SEQ ID NO: 11
 106 <211> LENGTH: 21
 107 <212> TYPE: DNA
 108 <213> ORGANISM: Artificial Sequence
 W--> 109 <220> FEATURE:
 109 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACE7
 E--> 110 <400> SEQUENCE: 11
 E--> 111 agttacagac ttcaatgtac g
 112 21
 114 <210> SEQ ID NO: 12
 115 <211> LENGTH: 20
 116 <212> TYPE: DNA
 117 <213> ORGANISM: Artificial Sequence
 W--> 118 <220> FEATURE:
 118 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 5RACE8
 E--> 119 <400> SEQUENCE: 12
 E--> 120 aatcaggagac gttgcaagcc
 121 20
 123 <210> SEQ ID NO: 13
 124 <211> LENGTH: 20
 125 <212> TYPE: DNA
 126 <213> ORGANISM: Artificial Sequence
 W--> 127 <220> FEATURE:
 127 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 3RACEG1
 E--> 128 <400> SEQUENCE: 13
 E--> 129 ttatccgacc tgaagtttgc
 130 20
 132 <210> SEQ ID NO: 14
 133 <211> LENGTH: 20
 134 <212> TYPE: DNA
 135 <213> ORGANISM: Artificial Sequence
 W--> 136 <220> FEATURE:
 136 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence 3RACEG2
 E--> 137 <400> SEQUENCE: 14
 E--> 138 gacctacaat ttggagagc
 139 20
 141 <210> SEQ ID NO: 15
 142 <211> LENGTH: 20
 143 <212> TYPE: DNA
 144 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
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✓ Same errors

W--> 145 <220> FEATURE:
 ✓ 145 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNT5F
 E--> 146 <400> SEQUENCE: 15
 E--> 147 ~~cgggctttaa cacaactttt~~
 148 20
 150 <210> SEQ ID NO: 16
 151 <211> LENGTH: 19
 152 <212> TYPE: DNA
 153 <213> ORGANISM: Artificial Sequence
 W--> 154 <220> FEATURE:
 ✓ 154 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GTN6R
 E--> 155 <400> SEQUENCE: 16
 E--> 156 ~~gccttaagct tgatccctg~~
 157 19
 159 <210> SEQ ID NO: 17
 160 <211> LENGTH: 21
 161 <212> TYPE: DNA
 162 <213> ORGANISM: Artificial Sequence
 W--> 163 <220> FEATURE:
 ✓ 163 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNT21F
 E--> 164 <400> SEQUENCE: 17
 E--> 165 ~~atggcagata tggctcgatt g~~
 166 21
 168 <210> SEQ ID NO: 18
 169 <211> LENGTH: 22
 170 <212> TYPE: DNA
 171 <213> ORGANISM: Artificial Sequence
 W--> 172 <220> FEATURE:
 ✓ 172 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNT15R
 E--> 173 <400> SEQUENCE: 18
 E--> 174 ~~agtttctatg gtatctaact gc~~
 175 22
 177 <210> SEQ ID NO: 19
 178 <211> LENGTH: 21
 179 <212> TYPE: DNA
 180 <213> ORGANISM: Artificial Sequence
 W--> 181 <220> FEATURE:
 ✓ 181 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNTHT7
 E--> 182 <400> SEQUENCE: 19
 E--> 183 ~~gagcatccaa gcttgacctg g~~
 184 21
 186 <210> SEQ ID NO: 20
 187 <211> LENGTH: 22
 188 <212> TYPE: DNA
 189 <213> ORGANISM: Artificial Sequence
 W--> 190 <220> FEATURE:
 ✓ 190 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer sequence GNTET7
 E--> 191 <400> SEQUENCE: 20
 E--> 192 ~~gcaccgtgaa ttctttctagc tt~~

RAW SEQUENCE LISTING

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Input Set : E:\05-06-06_1041WO.txt
Output Set: N:\CRF4\06292005\J539725.raw

193 22
780 <210> SEQ ID NO: 86
781 <211> LENGTH: 815
782 <212> TYPE: DNA
783 <213> ORGANISM: Artificial Sequence
W--> 784 <220> FEATURE: *pls insert* See item #
784 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR product
E--> 785 <400> SEQUENCE: 86
E--> 786 gttccgcggt gatcccgtt tcatatcagt *gtattatcat cagtgactgc atattgacac*
787 60
E--> 788 caattctga tgatTTTTA TTTTTTATTT tttatTTTT ttggtaggt tacatgctt
789 120
E--> 790 tcagaggTTT ctatccgcgt gaggatTTT ctgaatcgCG aggtgtgaca ggttatctgc
791 180
E--> 792 ggcgtccacc caatatttta tgatgagTCG atgattcgtg agactaatct agcttaacct
793 240
E--> 794 TTTCTTACT ggcaagtcaa aattgagTTT aaaatatttc agtatacctgt tagtaatttC
795 300
E--> 796 agaacatgt attctatgtc tcataactctt tacgtgaaAG ttcaactgac ttatTTTG
797 360
E--> 798 TCGTTTTCT gtagatcaCT gTTTAGCGC atacaagAC aattgtctAA atattttAA
799 420
E--> 800 agaaggTgat attttatTA aagatagaAG tcaatATgtt tttttgttAT gcacatgact
801 480
E--> 802 tgaataaaAT aaattttttt gttagattTA aatactttt gaattataAG tttgttgaaa
803 540
E--> 804 ttaaggaatt tatattcata agaagctact cgaacaaATT tacaagAGA acatttgata
805 600
E--> 806 agtaaaAGTA attaaaAGTT ttttttaATT taaaaAGATT aatttttATT aataAGAAGA
807 660
E--> 808 ACTTGGAAAG TTAGAAAAAT ATTAACCTT AAAAATTAAG AAAACAAGGC AAAACTTTAA
809 720
E--> 810 ATCACAAATA CTTAATGTAG ATTAATTTC TTATTATATA TTAGCACAAA TTATCATTAT
811 780
E--> 812 gtagatTTT atgttattgt tacgttagAGC tcaAA
813 815
833 <210> SEQ ID NO: 89
834 <211> LENGTH: 882
835 <212> TYPE: DNA
836 <213> ORGANISM: Artificial Sequence
W--> 837 <220> FEATURE: *Same error*
837 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR product
E--> 838 <400> SEQUENCE: 89
E--> 839 egcgTTAACT CTCTCTATCT CTCTCTGTGT TGCgtttGAT caggggtttt agggtttggg
840 60
E--> 841 TCCAGGGTTC CGAGGGAGTAT CGTCACGTGT ATTGCGGTCT TGTGAGGAT TCCTCAGTTG
842 120
E--> 843 TGCATGTAGA TATAAACTTA GTTGTAGTCCA CGATCGGTTT CTAATCGTGG ATTTTGTGG
844 180

Same error in

RAW SEQUENCE LISTING

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TIME: 14:08:00

Input Set : E:\05-06-06 1041WO.txt
Output Set: N:\CRF4\06292005\J539725.raw

Same errors

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005
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Input Set : E:\05-06-06 1041WO.txt
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Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:3; N Pos. 3,6,9,12,15,18
Seq#:4; N Pos. 9,12,15,19,22,25
Seq#:5; N Pos. 9,13
Seq#:6; N Pos. 21
Seq#:31; N Pos. 6
Seq#:32; N Pos. 3,6,9,12,15
Seq#:33; N Pos. 3,6,9
Seq#:55; N Pos. 9,18
Seq#:56; N Pos. 3,6,15
Seq#:57; N Pos. 3,6,15,21

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005
TIME: 14:08:01

Input Set : E:\05-06-06 1041WO.txt
Output Set: N:\CRF4\06292005\J539725.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:19 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:20 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:1
L:20 M:283 W: Missing Blank Line separator, <400> field identifier
L:21 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:36 SEQ:1
L:28 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:29 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:2
L:29 M:283 W: Missing Blank Line separator, <400> field identifier
L:30 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:26 SEQ:2
L:37 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:38 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:3
L:38 M:283 W: Missing Blank Line separator, <400> field identifier
L:39 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:3
L:39 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:3
L:39 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:39 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:3
L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:47 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:4
L:47 M:283 W: Missing Blank Line separator, <400> field identifier
L:48 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:4
L:48 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:4
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:48 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:4
L:55 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:56 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:5
L:56 M:283 W: Missing Blank Line separator, <400> field identifier
L:57 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:5
L:57 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:5
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:57 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:25 SEQ:5
L:64 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:65 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:6
L:65 M:283 W: Missing Blank Line separator, <400> field identifier
L:66 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:6
L:66 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:6
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:66 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:6
L:73 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:74 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:7
L:74 M:283 W: Missing Blank Line separator, <400> field identifier
L:75 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:7
L:82 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:83 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:8
L:83 M:283 W: Missing Blank Line separator, <400> field identifier
L:84 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:8
L:91 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:92 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:9

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Output Set: N:\CRF4\06292005\J539725.raw

L:92 M:283 W: Missing Blank Line separator, <400> field identifier
L:93 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:9
L:100 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:101 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:10
L:101 M:283 W: Missing Blank Line separator, <400> field identifier
L:102 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:10
L:109 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:110 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:11
L:110 M:283 W: Missing Blank Line separator, <400> field identifier
L:111 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:11
L:118 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12
L:119 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:12
L:119 M:283 W: Missing Blank Line separator, <400> field identifier
L:120 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:12
L:127 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:128 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:13
L:128 M:283 W: Missing Blank Line separator, <400> field identifier
L:129 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:13
L:136 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14
L:137 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:14
L:137 M:283 W: Missing Blank Line separator, <400> field identifier
L:138 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:14
L:145 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:146 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:15
L:146 M:283 W: Missing Blank Line separator, <400> field identifier
L:147 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:15
L:154 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:155 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:16
L:155 M:283 W: Missing Blank Line separator, <400> field identifier
L:156 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:16
L:163 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:164 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:17
L:164 M:283 W: Missing Blank Line separator, <400> field identifier
L:165 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:17
L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:173 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:18
L:173 M:283 W: Missing Blank Line separator, <400> field identifier
L:174 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:18
L:181 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:182 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:19
L:182 M:283 W: Missing Blank Line separator, <400> field identifier
L:183 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:19
L:190 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:191 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:20
L:191 M:283 W: Missing Blank Line separator, <400> field identifier
L:192 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:20
L:199 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21
L:200 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:21
L:200 M:283 W: Missing Blank Line separator, <400> field identifier

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L:201 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:21
L:208 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22
L:209 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:22
L:209 M:283 W: Missing Blank Line separator, <400> field identifier
L:210 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:22
L:217 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:218 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:23
L:218 M:283 W: Missing Blank Line separator, <400> field identifier
L:219 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:23
L:226 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:227 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:24
L:227 M:283 W: Missing Blank Line separator, <400> field identifier
L:228 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:24
L:235 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25
L:236 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:25
L:236 M:283 W: Missing Blank Line separator, <400> field identifier
L:237 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:25
L:244 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:245 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:26
L:245 M:283 W: Missing Blank Line separator, <400> field identifier
L:246 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:26
L:253 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27
L:254 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:27
L:254 M:283 W: Missing Blank Line separator, <400> field identifier
L:255 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:27
L:262 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:263 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:28
L:263 M:283 W: Missing Blank Line separator, <400> field identifier
L:264 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:28
L:271 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29
L:272 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:29
L:272 M:283 W: Missing Blank Line separator, <400> field identifier
L:273 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:29
L:280 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:281 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:30
L:281 M:283 W: Missing Blank Line separator, <400> field identifier
L:282 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:30
L:289 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31
L:290 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:31
L:290 M:283 W: Missing Blank Line separator, <400> field identifier
L:291 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:31
L:291 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:31
L:291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:291 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:31
L:298 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:299 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:32
L:299 M:283 W: Missing Blank Line separator, <400> field identifier
L:300 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:32
L:300 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:32

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005
TIME: 14:08:01

Input Set : E:\05-06-06 1041WO.txt
Output Set: N:\CRF4\06292005\J539725.raw

L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:300 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:32
L:307 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33
L:308 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:33
L:308 M:283 W: Missing Blank Line separator, <400> field identifier
L:309 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:33
L:309 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:33
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:309 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:17 SEQ:33
L:316 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34
L:317 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:34
L:317 M:283 W: Missing Blank Line separator, <400> field identifier
L:318 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:34
L:325 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35
L:326 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:35
L:326 M:283 W: Missing Blank Line separator, <400> field identifier
L:327 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:35
L:334 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:36
L:335 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:36
L:335 M:283 W: Missing Blank Line separator, <400> field identifier
L:336 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:36
L:344 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:37
L:344 M:283 W: Missing Blank Line separator, <400> field identifier
L:345 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:37
L:353 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:38
L:353 M:283 W: Missing Blank Line separator, <400> field identifier
L:354 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:38
L:362 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:39
L:362 M:283 W: Missing Blank Line separator, <400> field identifier
L:363 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:39
L:371 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:40
L:371 M:283 W: Missing Blank Line separator, <400> field identifier
L:372 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:40
L:380 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:41
L:380 M:283 W: Missing Blank Line separator, <400> field identifier
L:381 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:41
L:389 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:42
L:389 M:283 W: Missing Blank Line separator, <400> field identifier
L:390 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:42
L:398 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:43
L:398 M:283 W: Missing Blank Line separator, <400> field identifier
L:399 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:43
L:407 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:44
L:407 M:283 W: Missing Blank Line separator, <400> field identifier
L:408 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:44
L:416 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:45
L:416 M:283 W: Missing Blank Line separator, <400> field identifier
L:417 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:45
L:425 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:46

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/539,725

DATE: 06/29/2005

TIME: 14:08:01

Input Set : E:\05-06-06 1041WO.txt

Output Set: N:\CRF4\06292005\J539725.raw

L:425 M:283 W: Missing Blank Line separator, <400> field identifier
L:426 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:46
L:434 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:47
L:434 M:283 W: Missing Blank Line separator, <400> field identifier
L:435 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:47
L:443 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:48
L:443 M:283 W: Missing Blank Line separator, <400> field identifier
L:444 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:48
L:452 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:49
L:452 M:283 W: Missing Blank Line separator, <400> field identifier
L:453 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:49
L:461 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:50
L:461 M:283 W: Missing Blank Line separator, <400> field identifier
L:462 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:28 SEQ:50
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0